U.S. Application Serial No.: 10/533,701

Listing of Claims:

1. (Original) A skin binding peptide including (a) any one of SEQ ID NOs. 1 - 24 or (b) an amino acid sequence having at least 50% sequence identity to any one sequence of SEQ ID NOs. 1 - 24 and including a sequence cluster selected from the group consisting of APQQRPMXTXXX (SEQ ID NO. 25); PPWXXXL (SEQ ID NO. 26); XXTXLTS (SEQ ID NO. 27); XPPLLXL (SEQ ID NO. 28); SXPSGAX (SEQ ID NO. 29); XQATFXXNXXXX (SEQ ID NO. 30); VXTSQLXXXXXXX (SEQ ID NO. 31); LXXXRMK (SEQ ID NO. 32), and HXXXYLT (SEQ ID NO. 33), wherein X represents any L-amino acid.

- 2. (Original) The skin binding peptide according to claim 1, wherein the peptide has at least 90% sequence identity to any of SEQ ID NOs. 1-24.
- 3. (Original) The skin binding peptide according to claim 1, wherein the peptide has at least 95% sequence identity to any of SEQ ID NOs. 1-24.
- 4. (Original) The skin binding peptide according to claim 1, wherein the peptide includes amino acid SEQ ID NO1.
- 5. (Original) The skin binding peptide according to claim 1, wherein the peptide includes amino acid SEQ ID NO. 3.
- 6. (Original) The skin binding peptide according to claim 1, wherein the peptide includes amino acid SEQ ID NO. 5.
- 7. (Original) The skin binding peptide according to claim 1, wherein the peptide includes amino acid SEQ ID NO. 6.
- 8. (Original) The skin binding peptide according to claim 1, wherein the peptide includes amino acid SEQ ID NO. 8.
- 9. (Original) The skin binding peptide according to claim 1, wherein the peptide includes amino acid sequence SEQ ID NO. 15.

U.S. Application Serial No.: 10/533,701

10. (Original) The skin binding peptide according to claim 1, wherein the peptide includes the sequence cluster APQQRPMXTXXX (SEQ ID NO. 25).

- 11. (Original) The skin binding peptide according to claim 1, wherein the peptide includes the sequence cluster XQATFXXNXXXX (SEQ ID NO. 30).
- 12. (Original) The skin binding peptide according to claim 1, wherein the peptide includes the sequence cluster LXXXRMK (SEQ ID NO. 32).
- 13. (Original) The skin binding peptide according to claim 1, wherein the peptide includes a C-C derivative.
- 14. (Original) A composition comprising any one of the skin binding peptides according to claim 1.
- 15. (Original) A hair binding peptide including (a) any one of SEQ ID NOs. 34 56 or (b) an amino acid sequence having at least 50% sequence identity to any one sequence of SEQ ID NOs. 34 56 and including a sequence cluster selected from the group consisting of NTPXXNX (SEQ ID NO. 57); PXXXLST (SEQ ID NO. 58); TXPTHR (SEQ ID NO. 59); LXTXSTP (SEQ ID NO. 60); and TPLTXXT (SEQ ID NO. 61) and XQXHNPP (SEQ ID NO. 62), wherein X represents any L-amino acid.
- 16. (Original) The hair binding peptide according to claim 1, wherein said peptide has at least 90% sequence identity to any of SEQ ID NOs. 34-56.
- 17. (Original) The hair binding peptide according to claim 1, wherein the peptide has at least 95% sequence identity to any of SEQ ID NOs. 34-56.
- 18. (Original) The hair binding peptide according to claim 15, wherein the hair binding peptide includes the sequence cluster NTPXXNX (SEQ ID NO. 57).
- 19. (Original) The hair binding peptide according to claim 15, wherein the hair binding peptide includes the sequence cluster PXXXLST (SEQ ID NO. 58).

U.S. Application Serial No.: 10/533,701

- 20. (Original) The hair binding peptide according to claim 15, wherein the hair binding peptide includes the sequence cluster TXPTHR (SEQ ID NO. 59).
- 21. (Original) The hair binding peptide according to claim 15, wherein the hair binding peptide includes the sequence cluster LXTXSTP (SEQ ID NO. 60).
- 22. (Original) The hair binding peptide according to claim 15, wherein the hair binding peptide includes the sequence cluster TPLTXXT (SEQ ID NO. 61).
- 23. (Original) The hair binding peptide according to claim 15, wherein the hair binding peptide includes the sequence cluster XQXHNPP (SEQ ID NO. 62).
- 24. (Original) A composition comprising at least one hair binding peptide according to claim 15.